

MONTHLY ENERGY TREND HIGHLIGHTS

August 2022 Highlights

By David Shuai, Research and Economic Analysis Division, DBEDT
Issued on September 8, 2022

Crude Oil Prices:

In August 2022, the crude oil price increased from the same month last year but decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$91.48 per barrel in August 2022 which was up \$23.77 (35.1%) per barrel from the same month last year. Compared to July 2022, it was a decrease of \$7.90 (8.0%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.0 million barrels of foreign crude oil in June 2022. This was a decrease of 0.8 million barrels (27.3%) from the same month last year. Compared to May 2022, it was an increase of 1.5 million barrels (327.9%).

Gasoline Prices:

In August 2022, the regular gasoline price in Hawaii averaged \$5.361 per gallon, which was \$1.398 per gallon (35.3%) higher than the national average for the same month.

Hawaii's regular gasoline price in August 2022 was an increase of \$1.279 per gallon (31.3%) from the same month last year, but a decrease of 20.9 cents per gallon (3.8%) from July 2022.

The national average price for regular gasoline in August 2022 was \$3.963 per gallon, an increase of 79.1 cents per gallon (24.9%) from the same month last year, but a decrease of 56.5 cents per gallon (12.5%) from July 2022.

The average prices of regular gasoline within the State in August 2022 were as follows: Kauai, \$5.700; Wailuku, \$5.561; Hilo, \$5.346; and Oahu, \$5.257.

Diesel Fuel Prices:

The national average price for diesel in August 2022 was \$5.070 per gallon which was an increase of \$1.784 (54.3%) from the same month a year ago, but a decrease of 46.3 cents (8.4%) from July 2022.

Hawaii's average price for diesel in August 2022 was \$6.097 per gallon which increased \$1.730 (39.6%) per gallon from the same month last year but decreased 2.5 cents per gallon (0.4%) from July 2022. Hawaii's diesel price was \$1.027 per gallon (20.2%) higher than the national average.

In August 2022, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.658; Hilo, \$6.202; Wailuku, \$6.199; and Oahu, \$5.979.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in June 2022, as measured by the gasoline tax base, was 34.3 million gallons, which decreased 3.1 million gallons (8.3%) from the same month a year ago. Gasoline in June 2022 was mainly consumed in Honolulu (58.1%), followed by Hawaii County (19.2%), Maui County (15.3%), and Kauai County (7.4%).

Highway Diesel Fuel Consumption:

Hawaii's June 2022 consumption for highway use diesel was 4.3 million gallons, which increased 0.7 million gallons (19.3%) from the same month last year. Highway use diesel in June 2022 was mainly consumed in Honolulu (59.0%), followed by Hawaii County (23.6%), Maui County (11.2%), and Kauai County (6.2%).

Aviation Fuel Consumption:

In June 2022, data from the Department of Taxation showed statewide aviation fuel consumption was 27.1 million gallons, which increased 0.4 million gallons (1.7%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (40.6%), Maui County (33.1%), Hawaii County (16.5%), and Kauai County (9.8%).

Registered Taxable Vehicles:

As of August 2022, there were 1,058,164 registered passenger vehicles in the state, an increase of 5,076 vehicles (0.5%) from the same month last year and an increase of 2,294 vehicles (0.2%) from July 2022. The number of passenger gasoline vehicles was 1,004,761, which was 95.0% of total passenger vehicles. It represents a decrease of 541 vehicles (0.1%) from the same period last year, but an increase of 1,637 vehicles (0.2%) from July 2022.

In August 2022, the number of passenger electric vehicles in the state was 20,684, an increase of 4,468 vehicles (27.6%) from the same month last year, and an increase of 444 vehicles (2.2%) from July 2022. The number of passenger hybrid vehicles in the state in this month was 24,988, accounting for 2.4% of the total passenger vehicles. It represents an increase of 6.1% from the same month last year and an increase of 0.9% from July 2022.

In August 2022, there were 50,449 registered freight gasoline vehicles, a 1.2% increase from the same period last year, and a 0.2% increase from July 2022. The number of freight diesel vehicles in August 2022 was 23,885, which remained relatively unchanged from the same period last year, and a 0.1% increase from July 2022.

Monthly Energy Trend: State						
Month of Aug - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Crude Oil Price						
NYMEX WTI Future Price	\$ per Barrel	August 22	91.48	35.1%	99.92	56.1%
Europe Brent Spot Price	\$ per Barrel	July 22	111.93	48.9%	107.64	62.3%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	August 22	3.963	24.9%	4.132	43.5%
Gasoline -Mid Grade, National	\$ per Gallon	August 22	4.404	24.9%	4.519	40.6%
Gasoline -Premium, National	\$ per Gallon	August 22	4.707	23.9%	4.805	37.9%
Diesel, National	\$ per Gallon	August 22	5.070	54.3%	4.931	61.3%
Gasoline - Regular, State	\$ per Gallon	August 22	5.361	31.3%	5.108	36.2%
Gasoline -Mid Grade, State	\$ per Gallon	August 22	5.578	29.9%	5.310	34.7%
Gasoline -Premium, State	\$ per Gallon	August 22	5.812	28.0%	5.556	32.7%
Diesel, State	\$ per Gallon	August 22	6.097	39.6%	5.574	31.7%
Fuel Surcharges						
Matson Navigation Company	Percentage	August 22	54.00%	53.2%	44.37%	35.2%
Foreign Imports						
Crude Oil	1000 Barrels	June 22	2,011	-27.3%	10,011	-19.5%
Distillate	1000 Barrels	June 22	-	N/A	230	N/A
Jet Fuel, Kerosene	1000 Barrels	June 22	984	203.7%	4,213	124.5%
Residual Fuel Oil	1000 Barrels	June 22	-	N/A	-	N/A
Propane	1000 Barrels	June 22	97	67.2%	447	18.3%
Fuel Ethanol	1000 Barrels	June 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 22	153	-73.4%	2,188	43.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	June 22	34,307,043	-8.3%	206,925,763	1.1%
Diesel Oil (non-hwy)	Gallons	June 22	11,613,951	7.0%	76,895,150	23.7%
Diesel Oil (hwy use)	Gallons	June 22	4,269,181	19.3%	25,869,550	28.6%
LPG (off hwy)	Gallons	June 22	-	-	-	-
LPG (hwy use)	Gallons	June 22	5,937	253.2%	14,946	96.1%
Small Boat (gas)	Gallons	June 22	108,241	72.0%	656,492	112.5%
Small Boat (diesel)	Gallons	June 22	407,749	17.1%	2,148,653	-22.3%
Aviation Fuel	Gallons	June 22	27,055,736	1.7%	153,297,746	36.5%
Other Fuel	Gallons	June 22	2,041,761	-26.0%	11,360,762	-1.0%
Agricultural Refund	Gallons	June 22	141,046	N/A	1,098,095	319.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 22	20,684	27.6%	19,414	31.6%
Passenger, Diesel	Vehicle	August 22	7,383	0.4%	7,392	1.2%
Passenger, Gasoline	Vehicle	August 22	1,004,761	-0.1%	1,002,405	0.1%
Passenger, Hybrid	Vehicle	August 22	24,988	6.1%	24,387	5.6%
Passenger, Misc Fuel	Vehicle	August 22	348	-48.2%	394	-39.0%
Freight, Electric	Vehicle	August 22	37	23.3%	33	19.3%
Freight, Diesel	Vehicle	August 22	23,885	0.0%	23,876	-0.1%
Freight, Gasoline	Vehicle	August 22	50,449	1.2%	50,261	1.6%
Freight, Hybrid	Vehicle	August 22	111	54.2%	102	40.4%
Freight, Misc Fuel	Vehicle	August 22	37	-32.7%	40	-33.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	510,593	0.5%	509,678	0.5%
Residential	Consumers	June 22	444,877	0.3%	444,819	0.4%
Commercial	Consumers	June 22	61,113	2.0%	60,262	0.8%
Street Lights	Consumers	June 22	4,603	0.3%	4,597	0.1%
Electric Meters						
All sectors	Meters	June 22	508,610	0.3%	508,478	0.4%
Residential	Meters	June 22	444,958	0.3%	444,839	0.4%
Commercial	Meters	June 22	59,701	0.3%	59,699	0.5%
Street Lights	Meters	June 22	3,951	0.4%	3,941	0.2%
Electricity Sale (KWH sold)						
All Sectors	KWH	June 22	718,741,748	-1.9%	4,207,655,987	1.7%
Residential	KWH	June 22	211,350,063	-5.7%	1,246,499,303	-1.8%
Commercial	KWH	June 22	505,623,991	-0.1%	2,958,955,961	3.8%
Street Lights	KWH	June 22	1,767,694	-16.0%	2,200,723	-84.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	294,992,790	34.7%	1,591,488,173	30.1%
Residential	Dollars	June 22	96,309,867	27.7%	520,741,644	24.1%
Commercial	Dollars	June 22	197,724,076	38.4%	1,067,802,275	33.6%
Street Lights	Dollars	June 22	958,847	33.7%	2,944,253	-35.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	41.04	37.2%	37.82	27.9%
Residential	Cents/KWh	June 22	45.57	35.5%	41.78	26.4%
Commercial	Cents/KWh	June 22	39.10	38.5%	36.09	28.8%
Street Lights	Cents/KWh	June 22	54.24	59.3%	133.79	306.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	758,872,440	-1.5%	4,427,180,853	2.5%
Electricity Generated at the Electric Utility Stations	KWH	June 22	410,193,358	1.1%	2,547,638,330	5.4%
- Generated by Steam	KWH	June 22	283,110,585	-3.8%	1,794,434,876	4.2%
- Generated by Diesel	KWH	June 22	120,994,482	15.4%	718,923,642	9.8%
- Generated by Biodiesel	KWH	June 22	1,470,033	-44.6%	9,414,071	-38.6%
- Generated by Solar	KWH	June 22	3,575,382	6.8%	18,469,617	-4.4%
- Generated by Hydro and Wind	KWH	June 22	1,042,876	92.4%	6,396,125	19.8%
Electricity Purchased from Independent Power Plant	KWH	June 22	372,913,065	-4.3%	2,027,215,389	-1.0%
Electricity Used by Electric Utility Stations	KWH	June 22	24,233,983	-3.9%	147,672,866	1.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	470,241	-4.2%	3,007,996	4.7%
Total Cost of Oil Consumed	Dollars	June 22	70,628,495	83.8%	354,317,578	77.7%
Ave Cost/Bl of Oil Consumed	Dollars	June 22	150.20	91.8%	117.79	69.8%
Month-end price per barrel	Dollars	June 22	134.90	79.3%	110.40	62.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.270	90.7%	0.211	69.5%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	201,880	12.6%	1,217,745	8.0%
Total Cost of Oil Consumed	Dollars	June 22	32,351,980	112.9%	153,832,523	81.9%
Ave Cost/Bl of Oil Consumed	Dollars	June 22	160.25	89.0%	126.33	68.4%
Month-end price per barrel	Dollars	June 22	178.61	90.0%	143.86	69.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.280	84.9%	0.227	66.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	2,302	-44.5%	14,755	-38.6%
Total Cost of Oil Consumed	Dollars	June 22	454,038	-161.3%	2,617,694	-140.1%
Ave Cost/Bl of Oil Consumed	Dollars	June 22	197.24	-210.4%	177.41	-165.2%
Month-end price per barrel	Dollars	June 22	185.92	591.2%	174.54	-634.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.350	-216.7%	0.342	-168.1%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Oahu						
Month of Aug - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	August 22	5.257	31.2%	5.006	37.3%
Gasoline - Mid Grade	\$ per Gallon	August 22	5.512	29.4%	5.247	34.9%
Gasoline - Premium	\$ per Gallon	August 22	5.777	27.7%	5.516	33.0%
Diesel	\$ per Gallon	August 22	5.979	39.6%	5.444	30.7%
Foreign Imports						
Crude Oil	1000 Barrels	June 22	2,011	-27.3%	10,011	-19.5%
Distillate	1000 Barrels	June 22	-	N/A	230	N/A
Jet Fuel, Kerosene	1000 Barrels	June 22	984	203.7%	4,213	124.5%
Residual Fuel Oil	1000 Barrels	June 22	-	N/A	-	N/A
Propane	1000 Barrels	June 22	-	N/A	45	N/A
Fuel Ethanol	1000 Barrels	June 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 22	153	-73.4%	2,188	43.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	June 22	19,916,630	-10.3%	120,426,190	-2.2%
Diesel Oil (non-hwy)	Gallons	June 22	4,156,367	27.9%	30,407,595	56.1%
Diesel Oil (hwy use)	Gallons	June 22	2,518,291	37.2%	15,468,427	50.4%
LPG (off hwy)	Gallons	June 22	-	-	-	-
LPG (hwy use)	Gallons	June 22	5,801	258.1%	13,607	95.5%
Small Boat (gas)	Gallons	June 22	75,992	166.6%	457,328	274.9%
Small Boat (diesel)	Gallons	June 22	407,749	17.1%	2,148,653	-22.3%
Aviation Fuel	Gallons	June 22	10,993,348	7.6%	62,483,755	44.5%
Other Fuel	Gallons	June 22	117,473	-7.0%	522,357	-21.2%
Agricultural Refund	Gallons	June 22	92,626	N/A	596,453	302.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 22	16,057	25.7%	15,164	30.9%
Passenger, Diesel	Vehicle	August 22	2,317	0.2%	2,324	0.8%
Passenger, Gasoline	Vehicle	August 22	595,948	-0.2%	595,939	0.2%
Passenger, Hybrid	Vehicle	August 22	17,408	7.7%	16,973	7.0%
Passenger, Misc Fuel	Vehicle	August 22	199	-49.2%	238	-34.8%
Freight, Electric	Vehicle	August 22	33	13.8%	31	17.6%
Freight, Diesel	Vehicle	August 22	10,696	-2.4%	10,751	-2.2%
Freight, Gasoline	Vehicle	August 22	34,345	0.7%	34,279	1.2%
Freight, Hybrid	Vehicle	August 22	100	53.8%	91	41.9%
Freight, Misc Fuel	Vehicle	August 22	30	-34.8%	32	-37.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	308,611	0.2%	308,669	0.3%
Residential	Consumers	June 22	274,958	0.2%	275,004	0.3%
Commercial	Consumers	June 22	33,214	0.1%	33,223	0.2%
Street Lights	Consumers	June 22	439	-0.5%	442	-0.3%
Electric Meters						
All Sectors	Meters	June 22	308,227	0.2%	308,251	0.3%
Residential	Meters	June 22	275,032	0.2%	275,035	0.3%
Commercial	Meters	June 22	33,078	-0.1%	33,100	0.1%
Street Lights	Meters	June 22	117	-1.7%	117	-1.5%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 22	504,114,757	-2.4%	2,953,768,876	0.4%
Residential	KWH	June 22	127,956,811	-6.8%	750,148,240	-3.6%
Commercial	KWH	June 22	375,126,298	-0.7%	2,205,693,686	2.4%
Street Lights	KWH	June 22	1,031,648	-26.9%	-2,073,050	-121.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	196,109,204	35.6%	1,061,907,346	30.5%
Residential	Dollars	June 22	56,267,943	27.9%	302,712,436	23.4%
Commercial	Dollars	June 22	139,248,786	39.0%	758,209,811	34.0%
Street Lights	Dollars	June 22	592,475	30.5%	985,099	-66.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	38.90	38.9%	35.95	29.9%
Residential	Cents/KWh	June 22	43.97	37.2%	40.35	28.0%
Commercial	Cents/KWh	June 22	37.12	40.0%	34.38	30.9%
Street Lights	Cents/KWh	June 22	57.43	78.6%	-47.52	-254.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	531,499,367	-2.0%	3,100,809,224	1.5%
Electricity Generated at the Electric Utility Stations	KWH	June 22	274,070,218	-2.0%	1,708,106,515	3.7%
- Generated by Steam	KWH	June 22	265,660,019	-0.7%	1,626,541,860	4.0%
- Generated by Diesel	KWH	June 22	3,364,784	-47.1%	53,680,968	12.3%
- Generated by Biodiesel	KWH	June 22	1,470,033	-44.6%	9,414,071	-38.6%
- Generated by Solar	KWH	June 22	3,575,382	6.8%	18,469,617	-4.4%
- Generated by Hydro and Wind	KWH	June 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 22	276,416,874	-2.0%	1,505,862,676	-1.0%
Electricity Used by Electric Utility Stations	KWH	June 22	18,987,725	-1.8%	113,159,967	1.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	431,301	-0.4%	2,648,433	4.7%
Total Cost of Oil Consumed	Dollars	June 22	66,031,520	92.5%	320,050,137	80.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	153.10	93.3%	120.85	72.2%
Month-end price per barrel	Dollars	June 22	162.58	98.0%	130.33	76.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.270	92.9%	0.212	71.6%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	8,481	-51.8%	143,763	8.7%
Total Cost of Oil Consumed	Dollars	June 22	1,318,820	-2.8%	16,054,118	78.3%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	155.50	101.4%	111.67	64.0%
Month-end price per barrel	Dollars	June 22	145.43	89.1%	123.72	77.3%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.440	91.3%	0.348	69.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	2,302	-44.5%	14,755	-38.6%
Total Cost of Oil Consumed	Dollars	June 22	454,038	-161.3%	2,617,694	-140.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	197.24	-210.4%	177.41	-165.2%
Month-end price per barrel	Dollars	June 22	185.92	591.2%	174.54	-634.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.350	-216.7%	0.342	-168.1%
Energy Cost Adjustment Factor						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	August 22	0.26477	88.1%	0.21618	67.4%

Source:

NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Maui						
Month of Aug - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Wailuku Only)						
Gasoline - Regular	\$ per Gallon	August 22	5.561	35.2%	5.259	37.9%
Gasoline - Mid Grade	\$ per Gallon	August 22	5.778	35.0%	5.464	37.0%
Gasoline - Premium	\$ per Gallon	August 22	5.797	29.0%	5.621	34.2%
Diesel	\$ per Gallon	August 22	6.199	38.0%	5.698	32.4%
Foreign Imports						
Crude Oil	1000 Barrels	June 22	-	N/A	-	N/A
Distillate	1000 Barrels	June 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June 22	-	N/A	-	N/A
Propane	1000 Barrels	June 22	28	75.0%	118	-18.1%
Fuel Ethanol	1000 Barrels	June 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 22	5,261,767	-6.7%	31,391,890	4.8%
Diesel Oil (non-hwy)	Gallons	June 22	3,602,847	-22.8%	25,485,781	2.9%
Diesel Oil (hwy use)	Gallons	June 22	479,579	5.0%	2,767,019	6.5%
LPG (off hwy)	Gallons	June 22	-	N/A	9	-83.1%
LPG (hwy use)	Gallons	June 22	-	N/A	-	-
Small Boat (gas)	Gallons	June 22	4,333	-1.2%	36,768	62.0%
Small Boat (diesel)	Gallons	June 22	-	N/A	-	N/A
Aviation Fuel	Gallons	June 22	8,948,504	-7.2%	51,972,589	23.0%
Other Fuel	Gallons	June 22	28,482	17.0%	141,967	52.6%
Agricultural Refund	Gallons	June 22	15,602	N/A	372,428	812.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 22	2,424	31.1%	2,248	30.8%
Passenger, Diesel	Vehicle	August 22	1,372	1.2%	1,363	1.4%
Passenger, Gasoline	Vehicle	August 22	156,525	0.2%	155,389	0.1%
Passenger, Hybrid	Vehicle	August 22	3,403	-0.1%	3,287	-1.0%
Passenger, Misc Fuel	Vehicle	August 22	99	-54.4%	106	-51.8%
Freight, Electric	Vehicle	August 22	-	N/A	-	N/A
Freight, Diesel	Vehicle	August 22	3,743	2.6%	3,725	2.3%
Freight, Gasoline	Vehicle	August 22	6,900	2.7%	6,820	2.8%
Freight, Hybrid	Vehicle	August 22	5	150.0%	4	45.0%
Freight, Misc Fuel	Vehicle	August 22	4	-20.0%	5	-5.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	69,763	1.8%	68,926	0.7%
Residential	Consumers	June 22	58,888	0.2%	58,882	0.3%
Commercial	Consumers	June 22	10,670	11.5%	9,839	3.1%
Street Lights	Consumers	June 22	205	0.5%	205	0.2%
Electric Meters						
All Sectors	Meters	June 22	68,548	0.3%	68,531	0.4%
Residential	Meters	June 22	58,887	0.2%	58,869	0.3%
Commercial	Meters	June 22	9,649	1.1%	9,650	1.3%
Street Lights	Meters	June 22	12	9.1%	12	7.6%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 22	84,900,840	0.4%	488,811,392	6.0%
Residential	KWH	June 22	30,932,183	-3.8%	180,461,386	0.0%
Commercial	KWH	June 22	53,557,179	3.0%	306,025,743	9.9%
Street Lights	KWH	June 22	411,478	8.6%	2,324,263	1.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	37,989,990	34.6%	199,648,341	30.3%
Residential	Dollars	June 22	14,337,847	28.3%	75,958,548	24.5%
Commercial	Dollars	June 22	23,477,898	38.6%	122,792,448	34.2%
Street Lights	Dollars	June 22	174,245	49.3%	897,345	27.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	44.75	34.0%	40.84	22.9%
Residential	Cents/KWh	June 22	46.35	33.4%	42.09	24.4%
Commercial	Cents/KWh	June 22	43.84	34.6%	40.12	22.1%
Street Lights	Cents/KWh	June 22	42.35	37.5%	38.61	25.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	88,319,795	-1.1%	514,142,278	5.5%
Electricity Generated at the Electric Utility Stations	KWH	June 22	66,012,664	-2.9%	426,397,968	13.1%
- Generated by Steam	KWH	June 22	10,555,846	-16.5%	86,776,066	28.0%
- Generated by Diesel	KWH	June 22	55,456,818	0.2%	339,621,902	9.8%
- Generated by Hydro and Wind	KWH	June 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 22	25,299,113	3.8%	106,889,611	-16.6%
Electricity Used by Electric Utility Stations	KWH	June 22	2,991,982	-1.5%	19,145,301	8.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	24,536	-12.9%	195,237	27.0%
Total Cost of Oil Consumed	Dollars	June 22	2,816,011	43.4%	18,298,864	93.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	114.77	64.7%	93.73	52.0%
Month-end price per barrel	Dollars	June 22	118.49	67.5%	101.13	55.8%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.270	68.8%	0.215	53.6%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	85,401	-1.1%	522,529	8.1%
Total Cost of Oil Consumed	Dollars	June 22	14,421,803	101.0%	67,026,798	89.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	168.87	103.3%	128.27	75.0%
Month-end price per barrel	Dollars	June 22	166.57	89.5%	138.71	78.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.260	100.0%	0.198	75.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	-	N/A	-	N/A
Month-end price per barrel	Dollars	June 22	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 22	-	N/A	-	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	August 22	0.30202	62.0%	0.25103	48.3%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Lanai
Month of Aug - 2022

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	1,749	-0.1%	1,752	0.2%
Residential	Consumers	June 22	1,489	-0.4%	1,493	-0.1%
Commercial	Consumers	June 22	256	2.0%	256	1.8%
Street Lights	Consumers	June 22	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	June 22	1,752	-0.1%	1,756	0.2%
Residential	Meters	June 22	1,489	-0.4%	1,493	0.0%
Commercial	Meters	June 22	262	1.9%	262	1.8%
Street Lights	Meters	June 22	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 22	2,956,074	0.4%	17,052,685	1.2%
Residential	KWH	June 22	712,201	-0.8%	4,261,075	-1.3%
Commercial	KWH	June 22	2,233,398	0.8%	12,728,370	2.0%
Street Lights	KWH	June 22	10,475	0.0%	63,240	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	1,759,869	45.2%	8,891,724	33.0%
Residential	Dollars	June 22	425,321	43.8%	2,206,594	29.8%
Commercial	Dollars	June 22	1,328,318	45.7%	6,652,466	34.2%
Street Lights	Dollars	June 22	6,230	44.9%	32,664	31.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	59.53	44.7%	52.14	31.5%
Residential	Cents/KWh	June 22	59.72	44.9%	51.78	31.5%
Commercial	Cents/KWh	June 22	59.48	44.6%	52.26	31.5%
Street Lights	Cents/KWh	June 22	59.47	44.9%	51.65	31.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	3,036,438	-0.6%	17,821,951	0.7%
Electricity Generated at the Electric Utility Stations	KWH	June 22	3,085,099	1.3%	18,103,840	2.6%
- Generated by Steam	KWH	June 22	-	N/A	-	N/A
- Generated by Diesel	KWH	June 22	3,085,099	1.3%	18,103,840	2.6%
- Generated by Hydro and Wind	KWH	June 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 22	30,401	-66.3%	190,413	-60.1%
Electricity Used by Electric Utility Stations	KWH	June 22	79,062	-4.5%	472,302	-3.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	5,287	0.0%	30,981	1.5%
Total Cost of Oil Consumed	Dollars	June 22	1,095,532	75.1%	5,149,367	52.5%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	207.21	75.0%	166.21	50.3%
Month-end price per barrel	Dollars	June 22	214.8	75.5%	177.99	55.2%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.350	66.7%	0.283	47.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	August 22	0.43083	70.5%	0.35827	55.5%

Source:

NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Molokai Month of Aug - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	3,281	0.2%	3,281	0.3%
Residential	Consumers	June 22	2,734	0.4%	2,733	0.4%
Commercial	Consumers	June 22	538	-0.7%	539	-0.1%
Street Lights	Consumers	June 22	9	0.0%	9	1.9%
Electric Meters						
All Sectors	Meters	June 22	3,267	0.2%	3,267	0.3%
Residential	Meters	June 22	2,734	0.4%	2,733	0.4%
Commercial	Meters	June 22	533	-0.7%	534	-0.1%
Street Lights	Meters	June 22	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 22	2,309,056	-6.7%	13,919,242	0.6%
Residential	KWH	June 22	890,757	-7.2%	5,530,157	-0.1%
Commercial	KWH	June 22	1,381,307	-6.6%	8,164,508	1.1%
Street Lights	KWH	June 22	36,992	-0.2%	224,577	2.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	1,286,763	39.4%	6,664,038	33.3%
Residential	Dollars	June 22	511,744	37.7%	2,707,074	32.4%
Commercial	Dollars	June 22	755,346	40.3%	3,854,006	34.0%
Street Lights	Dollars	June 22	19,673	47.8%	102,958	36.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	55.73	49.4%	47.88	32.5%
Residential	Cents/KWh	June 22	57.45	48.4%	48.95	32.5%
Commercial	Cents/KWh	June 22	54.68	50.2%	47.20	32.6%
Street Lights	Cents/KWh	June 22	53.18	48.1%	45.85	33.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	2,594,090	-3.3%	15,398,667	1.6%
Electricity Generated at the Electric Utility Stations	KWH	June 22	2,693,720	-3.4%	16,015,660	1.4%
- Generated by Steam	KWH	June 22	-	N/A	-	N/A
- Generated by Diesel	KWH	June 22	2,693,720	-3.4%	16,015,660	1.4%
- Generated by Hydro and Wind	KWH	June 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 22	(70)	-114.1%	2,312	-21.0%
Electricity Used by Electric Utility Stations	KWH	June 22	99,560	-6.7%	619,305	-1.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	June 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	4,519	-6.7%	27,018	-0.4%
Total Cost of Oil Consumed	Dollars	June 22	737,224	82.6%	3,427,910	61.5%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	163.14	95.8%	126.88	62.2%
Month-end price per barrel	Dollars	June 22	190.10	113.7%	140.68	71.9%
Cost of Oil/KWH Generated	Dollar/KWH	June 22	0.270	92.9%	0.213	62.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	June 22	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	August 22	0.40687	88.6%	0.30013	72.3%

Source:

NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Hawaii						
Month of Aug - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Hilo only)						
Gasoline - Regular	\$ per Gallon	August 22	5,346	29.6%	5,132	32.9%
Gasoline - Mid Grade	\$ per Gallon	August 22	5,580	28.9%	5,344	31.7%
Gasoline - Premium	\$ per Gallon	August 22	5,907	29.1%	5,656	30.8%
Diesel	\$ per Gallon	August 22	6,202	41.8%	5,677	33.0%
Foreign Imports						
Crude Oil	1000 Barrels	June 22	-	N/A	-	N/A
Distillate	1000 Barrels	June 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June 22	-	N/A	-	N/A
Propane	1000 Barrels	June 22	32	33.3%	162	12.5%
Fuel Ethanol	1000 Barrels	June 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 22	6,588,948	-5.6%	40,675,717	4.6%
Diesel Oil (non-hwy)	Gallons	June 22	3,101,337	31.3%	17,049,648	7.6%
Diesel Oil (hwy use)	Gallons	June 22	1,006,800	1.0%	6,115,904	7.1%
LPG (off hwy)	Gallons	June 22	-	-	-	-
LPG (hwy use)	Gallons	June 22	53	47.1%	793	171.6%
Small Boat (gas)	Gallons	June 22	27,916	-7.1%	162,396	-1.1%
Small Boat (diesel)	Gallons	June 22	-	N/A	-	N/A
Aviation Fuel	Gallons	June 22	4,450,686	2.7%	23,848,160	12.9%
Other Fuel	Gallons	June 22	784,692	-52.3%	4,965,774	-10.7%
Agricultural Refund	Gallons	June 22	31,346	N/A	107,917	83.2%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 22	1,575	42.1%	1,421	41.4%
Passenger, Diesel	Vehicle	August 22	2,800	0.3%	2,805	1.4%
Passenger, Gasoline	Vehicle	August 22	179,172	0.4%	178,151	0.2%
Passenger, Hybrid	Vehicle	August 22	3,136	5.7%	3,086	5.2%
Passenger, Misc Fuel	Vehicle	August 22	43	-15.7%	42	-11.3%
Freight, Electric	Vehicle	August 22	3	N/A	1	N/A
Freight, Diesel	Vehicle	August 22	7,129	2.1%	7,085	1.9%
Freight, Gasoline	Vehicle	August 22	7,117	0.9%	7,106	1.8%
Freight, Hybrid	Vehicle	August 22	6	50.0%	6	27.8%
Freight, Misc Fuel	Vehicle	August 22	2	-33.3%	2	-29.6%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 22	88,408	0.8%	88,310	0.9%
Residential	Consumers	June 22	76,894	0.9%	76,803	1.0%
Commercial	Consumers	June 22	11,351	0.4%	11,342	0.7%
Street Lights	Consumers	June 22	163	-0.6%	164	0.5%
Electric Meters						
All Sectors	Meters	June 22	88,035	0.8%	87,933	0.9%
Residential	Meters	June 22	76,902	0.9%	76,806	1.0%
Commercial	Meters	June 22	11,095	0.3%	11,089	0.7%
Street Lights	Meters	June 22	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 22	85,597,908	-2.0%	514,582,238	2.7%
Residential	KWH	June 22	34,689,287	-5.3%	214,566,899	0.2%
Commercial	KWH	June 22	50,695,248	0.3%	298,735,808	4.6%
Street Lights	KWH	June 22	213,373	5.1%	1,279,531	6.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 22	42,677,983	39.4%	229,998,224	32.1%
Residential	Dollars	June 22	18,241,712	33.5%	100,951,996	29.0%
Commercial	Dollars	June 22	24,329,597	44.1%	128,473,213	34.6%
Street Lights	Dollars	June 22	106,674	48.5%	573,015	35.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 22	49.86	42.2%	44.70	28.6%
Residential	Cents/KWh	June 22	52.59	41.0%	47.05	28.8%
Commercial	Cents/KWh	June 22	47.99	43.6%	43.01	28.7%
Street Lights	Cents/KWh	June 22	49.99	41.3%	44.78	27.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 22	91,011,237	-1.7%	547,009,859	2.8%
Electricity Generated at the Electric Utility Stations	KWH	June 22	45,692,868	22.5%	283,050,476	0.1%
- Generated by Steam	KWH	June 22	6,894,720	-51.5%	81,116,950	-10.0%
- Generated by Diesel	KWH	June 22	38,092,548	66.9%	197,639,456	5.2%
- Generated by Hydro and Wind	KWH	June 22	705,600	179.8%	4,294,070	-7.9%
Electricity Purchased from Independent Power Plant	KWH	June 22	46,877,592	-18.5%	275,416,586	4.5%
Electricity Used by Electric Utility Stations	KWH	June 22	1,559,223	-30.4%	11,457,203	-20.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	14,404	-51.4%	164,326	-13.2%
Total Cost of Oil Consumed	Dollars	June 22	1,780,964	-18.1%	15,968,577	30.3%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	123.64	68.4%	97.18	50.1%
Month-end price per barrel	Dollars	June 22	123.63	69.6%	99.74	54.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.260	73.3%	0.203	48.8%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	65,861	66.7%	325,839	3.6%
Total Cost of Oil Consumed	Dollars	June 22	10,580,452	208.7%	42,347,344	77.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	160.65	85.2%	129.96	71.7%
Month-end price per barrel	Dollars	June 22	157.91	88.5%	125.20	71.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.320	77.8%	0.258	68.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 22	0	N/A	44,713	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 22	0.00	N/A	44,713.00	N/A
Month-end price per barrel	Dollars	June 22	0.00	N/A	44,713.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 22	0.000	N/A	44,713.000	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	August 22	0.30507	68.2%	0.26132	63.9%

Source:

NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Kauai
Month of Aug - 2022

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	August-22	5.700	31.8%	5.386	34.8%
Gasoline - Mid Grade	\$ per Gallon	August-22	6.012	31.3%	5.614	33.9%
Gasoline - Premium	\$ per Gallon	August-22	6.119	30.2%	5.749	32.6%
Diesel	\$ per Gallon	August-22	6.658	40.9%	5.985	31.8%
Foreign Imports						
Crude Oil	1000 Barrels	June-22	-	N/A	-	N/A
Distillate	1000 Barrels	June-22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June-22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June-22	-	N/A	-	N/A
Propane	1000 Barrels	June-22	37	105.6%	122	35.6%
Fuel Ethanol	1000 Barrels	June-22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June-22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 22	2,539,698	-1.8%	14,431,966	14.6%
Diesel Oil (non-hwy)	Gallons	June 22	753,400	30.1%	3,952,126	92.9%
Diesel Oil (hwy use)	Gallons	June 22	264,511	-8.5%	1,518,200	-0.5%
LPG (off hwy)	Gallons	June 22	-	-	-	-
LPG (hwy use)	Gallons	June 22	83	231.8%	537	68.3%
Small Boat (gas)	Gallons	June 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	June 22	-	N/A	-	N/A
Aviation Fuel	Gallons	June 22	2,663,198	9.9%	14,993,242	163.3%
Other Fuel	Gallons	June 22	1,111,114	15.7%	5,730,664	11.1%
Agricultural Refund	Gallons	June 22	1,472	N/A	21,296	51.2%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August-22	628	30.8%	582	32.4%
Passenger, Diesel	Vehicle	August-22	894	-0.2%	900	1.6%
Passenger, Gasoline	Vehicle	August-22	73,116	-0.8%	72,927	-0.9%
Passenger, Hybrid	Vehicle	August-22	1,041	3.4%	1,041	5.2%
Passenger, Misc Fuel	Vehicle	August-22	7	-41.7%	7	-42.6%
Freight, Electric	Vehicle	August-22	1	0.0%	1	0.0%
Freight, Diesel	Vehicle	August-22	2,317	0.7%	2,315	0.4%
Freight, Gasoline	Vehicle	August-22	2,087	4.6%	2,056	3.9%
Freight, Hybrid	Vehicle	August-22	-	-100.0%	1	0.0%
Freight, Misc Fuel	Vehicle	August-22	1	0.0%	1	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	July-22	38,823	0.5%	38,752	0.5%
Residential	Consumers	July-22	29,941	0.4%	29,909	0.5%
Commercial	Consumers	July-22	5,099	1.2%	5,069	1.2%
Street Lights	Consumers	July-22	3,783	0.5%	3,774	0.2%
Electric Meters						
All Sectors	Meters	July-22	38,823	0.5%	38,752	0.5%
Residential	Meters	July-22	29,941	0.4%	29,909	0.5%
Commercial	Meters	July-22	5,099	1.2%	5,069	1.2%
Street Lights	Meters	July-22	3,783	0.5%	3,774	0.2%
Electricity Sale (KWH Sold)						
All Sectors	KWH	July-22	40,818,284	-0.6%	260,339,838	7.6%
Residential	KWH	July-22	17,220,025	-1.4%	108,751,571	4.0%
Commercial	KWH	July-22	23,534,533	-0.1%	151,142,379	10.4%
Street Lights	KWH	July-22	63,726	-0.7%	445,888	-0.8%
Net Revenue of Utility Companies						
All Sectors	Dollars	July-22	15,907,816	12.9%	100,286,315	18.9%
Residential	Dollars	July-22	6,905,652	11.8%	43,110,648	15.0%
Commercial	Dollars	July-22	8,942,476	13.7%	56,762,808	22.1%
Street Lights	Dollars	July-22	59,688	5.4%	412,860	4.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	July-22	38.97	13.6%	38.52	10.4%
Residential	Cents/KWh	July-22	40.10	13.3%	39.64	10.6%
Commercial	Cents/KWh	July-22	38.00	13.9%	37.56	10.5%
Street Lights	Cents/KWh	July-22	93.66	6.1%	92.59	4.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	July-22	41,611,621	-8.3%	273,610,495	7.1%
Electricity Generated at the Electric Utility Stations	KWH	July-22	19,366,067	-0.4%	115,329,938	19.4%
- Generated by Steam	KWH	July-22	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	July-22	18,961,559	-0.5%	112,823,375	18.1%
- Generated by Hydro and Wind	KWH	July-22	404,508	7.4%	2,506,563	137.9%
Electricity Purchased from Independent Power Plant	KWH	July-22	22,774,610	-14.0%	161,628,401	0.7%
Electricity Used by Electric Utility Stations	KWH	July-22	529,056	-1.0%	3,347,844	98.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	July-22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	July-22	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	July-22	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	July-22	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	July-22	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	July-22	33,664	-0.5%	201,279	16.0%
Total Cost of Oil Consumed	Dollars	July-22	4,341,983	47.9%	24,168,969	75.6%
Ave Cost/Bbl of Oil Consumed	Dollars	July-22	128.98	48.7%	120.08	51.5%
Month-end price per barrel	Dollars	July-22	210.88	102.5%	164.58	72.8%
Cost of Oil/KWH Generated	Dollar/KWh	July-22	0.229	48.7%	0.212	48.1%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	August-22	0.02730	592.5%	0.02130	458.0%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.